

## Native Lignin Peroxidase

Cat. No. NATE-0396

Lot. No. (See product label)

### Introduction

#### Description

Lignin peroxidase is a fungal enzyme which has a key role in the ligninolytic cycle, the process by which the structural component of plant walls, lignin, is degraded.

#### Synonyms

lignin peroxidase; diarylpropane oxygenase; ligninase I; diarylpropane peroxidase; diarylpropane:oxygen,hydrogen-peroxide oxidoreductase (C-C-bond-cleaving); LiP; 42613-30-9

### Product Information

#### Form

powder; slightly beige

#### CAS No.

93792-13-3

#### Activity

>0.1 units/mg

#### Unit Definition

One unit corresponds to the amount of enzyme, which oxidizes 1  $\mu$ mole 3,4-dimethoxybenzyl alcohol per minute at pH 3.0 and 30°C

### Usage and Packaging

#### Package

Bottomless glass bottle. Contents are inside inserted fused cone.

### Storage and Shipping Information

#### Storage

-20°C